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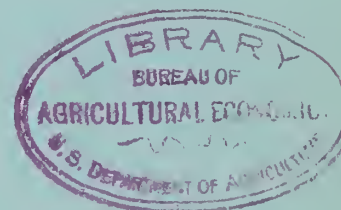
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IOWA AGRICULTURAL STATISTICS

CLARKE COUNTY



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County Statistical Bulletin

No. 82

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA STATE COLLEGE EXTENSION SERVICE
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IOWA AGRICULTURAL STATISTICS - CLARKE COUNTY

County Statistical Bulletin No. 82

<u>TABLE NO.</u>	<u>LIST OF TABLES</u>	<u>PAGE NO.</u>
1.	Land Utilization and Yields, County Summary.....	7
2.	Acreage and Yields of Hay, County Summary.....	8
3.	Land Utilization and Yields, Doyle Township.....	9
4.	Land Utilization and Yields, Franklin Township.....	10
5.	Land Utilization and Yields, Fremont Township.....	11
6.	Land Utilization and Yields, Green Bay Township.....	12
7.	Land Utilization and Yields, Jackson Township.....	13
8.	Land Utilization and Yields, Knox Township.....	14
9.	Land Utilization and Yields, Liberty Township.....	15
10.	Land Utilization and Yields, Madison Township.....	16
11.	Land Utilization and Yields, Osceola Township.....	17
12.	Land Utilization and Yields, Troy Township.....	18
13.	Land Utilization and Yields, Ward Township.....	19
14.	Land Utilization and Yields, Washington Township.....	20
15.	Land Utilization and Yields, Incorporated Towns.....	21
16.	County Livestock Numbers.....	22
17.	Livestock Numbers by Townships.....	23
18.	Creamery Statistics.....	24
19.	Chickens and Eggs.....	25
20.	Number of Farms Reporting Specified Items.....	26
21.	Farm and Land Tenure.....	27
22.	Years of Tenure.....	28
23.	Frequency Distribution of Farms by Size Classes.....	29
24.	Autos, Trucks, Tractors and Radios.....	30
25.	Acreage Owned by Corporations, 1937.....	31
26.	Acreage Owned by Corporations, 1939.....	32
27.	Value of Farm Land and Buildings.....	33
28.	Real Property and Moneys and Credits Taxes Collectible in 1939, for all Purposes.....	34
29.	Number of Schools by Type.....	35
30.	Enrollment in Schools by Type.....	35
31.	Miles of Roads by Type.....	36

FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nationwide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
November, 1940

IOWA AGRICULTURAL STATISTICS-CLARKE COUNTY

Clarke County, originally a part of old Des Moines County, was established on January 13, 1846, and named for James Clarke, who was then Governor of the Iowa Territory. 1/ At that time, the boundaries embraced the eastern half of Union County, but did not include the present eastern tier of townships. In 1849 the boundaries were changed and the county assumed its present form.

When the Mormon exodus took place from Nauvoo, Illinois, in 1846, three families became separated from one of the bands and decided to remain and make a settlement. These were the families of John and James Longley and John Conger. Their settlement, known as "Lost Camp", became the first settlement in Clarke County.

The county was formally organized in 1851 and the county-seat was located on a site purchased from George W. Howe. A town was laid out here and named Osceola. 2/ The name was in memory of a Seminole Indian Chief. 3/

The Burlington and Missouri Railroad, now the Chicago Burlington and Quincy, was built through the county in 1868. 4/

Area

Clarke County is 18 by 24 miles in extent and comprises a total area of 428 square miles, 5/ or 273,920 acres. Of this number, 264,456 acres are listed as farm lands. 6/ There are twelve townships in the county and it ranks sixty-third in the State in point of size, sharing this place with Wapello County.

Soils

The soils of Clarke County are grouped into 4 classes according to their origin and location; namely, drift, terrace, loess, and swamp and bottom-land. The drift soils cover 44.1 percent of the area and are divided into Shelby loam--

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- 1/ Laws of the Territory of Iowa, 1845-1846. p. 73.
 - 2/ Gue, B. F., History of Iowa. Vol. III, Part 1. pp. 329-330. The Century History Co., New York City, 1903.
 - 3/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. p. 391. The Viking Press, New York City, 1938.
 - 4/ Gue, B. F., History of Iowa. Vol. III. Part 1, p. 330. The Century History Co., New York City, 1903.
 - 5/ United States Bureau of Census. Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363.
 - 6/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 11.

42.2 percent, and Lindley silt loam--1.9 percent. The loess soils cover 46.4 percent of the surface and are divided into Grundy silt loam--41.6 percent, Tama silt loam--3.0 percent, and Clinton silt loam--1.8 percent. The terrace soils cover 0.2 percent of the surface and are divided into Bremer silt loam--0.1 percent, and Calhoun silt loam--0.1 percent. The swamp and bottom-land soil, Wabash silt loam, covers 9.3 percent of the area. 7/

Topography

The original drift plain of this county has been modified considerably by stream erosion. The surface now consists of irregular belts of rolling and hilly land along the streams, narrow strips or level bottom-land along the drainageways, and more or less level areas between the streams. In the southern part the topography is generally level to gently undulating; the hills and slopes bordering Chariton Creek are moderately rolling, gradually merging with the broad, flat inter-stream areas. The same conditions are found near Murray and north of Lacelle, although the transitions from the level to the strongly rolling slopes is more abrupt. In other parts of the county the upland areas are less extensive and have varying widths. 8/

Climate

The average temperature for 10 years (1930-1939) was 49.6 degrees. 9/ The average precipitation for 21 years (1883-1904) was 34.15 inches, and the growing season averaged 172 days between the killing frost dates of April 23 and October 12 recorded from 1920 to 1930. 10/

Population

Clarke County enjoyed a rapid population growth in the early years, but since 1880 the number of inhabitants has remained relatively constant. In 1930 there were 24 persons per square mile as compared with the State density of 44. The

7/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Clarke County. Soil Survey Report No. 51: pp. 11-12. 1928.

8/ Ibid. pp. 9-10.

9/ Reed, Charles D, Sr. Meteorologist. United States Weather Bureau, Des Moines, Iowa. Unpublished data.

10/ United States Weather Bureau. Climatic Summary of the United States from the establishments of stations to 1930, inclusive. Section 51, Central Iowa. pp. 14,19. 1933.

following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1850	79	-	-
1860	5,427	-	-
1870	8,735	-	-
1880	11,513	-	-
1890	11,332	-	-
1900	12,440	4,066	8,374 <u>11/</u>
1910	10,733	5,735	7,001
1920	10,506 <u>12/</u>	4,008 <u>13/</u>	6,498
1930	10,384 <u>14/</u>	4,086	6,298
1935	-	-	6,037 <u>15/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage totaled 868, or 8 percent of the total population of the county. Of this number, there were 254 of German descent. Other nationalities had very small representations. 16/

Fruit

The greatest number of apple trees, 72,952, was recorded in 1884, but the greatest production, 91,731 bushels was listed in 1909. In 1934 there were only 3,958 trees and 2,194 bushels. The record year for peaches was 1934, when 5,847 trees and 1,849 bushels were listed. There were 11,407 plum trees in 1909 and 1,256 bushels in 1894. These were the years of greatest numbers and greatest production, respectively. The greatest number of cherry trees 8,341, was recorded in 1909, but the greatest production, 2,321 bushels, was reported in 1884. The greatest grape production, 31,449 pounds, occurred in 1909. 17/

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- 11/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from the total population.
- 12/ Census of Iowa. pp. 708-709. 1926.
- 13/ Ibid. pp. 925 et seq.
- 14/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 533 et seq.
- 15/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 11.
- 16/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19. pp. 785-788.
- 17/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreages is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	1456	259655	178	60012	33	26508	23	2748	13	1057	14
1930	1524	260973	171	65037	25	31405	32	2609	16	1186	23
1931	1506	261247	173	67710	35	29706	30	2193	18	1504	21
1932	1529	263989	173	63463	34	32234	27	769	10	1366	16
1933	1515	264259	174	61629	34	27132	10	851	9	638	4
1934	1542	263729	171	48966	1	3285	4	594	7	-	-
1935	1518	265300	175	43751	26	14740	29	1380	12	8	22
1936	1550	265048	171	52333	4	27114	17	2122	13	36	15
1937	1472	266735	181	50020	40	28310	42	6807	13	19	22
1938	1492	268440	180	49101	30	31561	33	2107	11	17	16
10 Yr. Ave.	1510	263938	175	56202	27	25200	27	2218	13	583	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy	Red & Als. Clo.	Sweet Clover	Alfalfa	All Tame Hay
					Acres	Acres*	Acres	Acres*	Acres
1929	143	10	369	9	7499	3650	52	724	33800
1930	174	12	648	8	8159	862	-	701	26749
1931	207	16	384	13	11115	1484	10	828	22684
1932	94	10	434	17	8573	1736	36	772	29355
1933	85	8	730	14	3068	1349	43	863	41503
1934	71	4	2974	6	319	641	16	1132	42980
1935	598	12	673	11	23836	92	17	2001	23118
1936	622	10	666	10	11642	42	8	2286	30604
1937	1717	18	674	15	14652	6	29	2217	20466
1938	1000	11	1470	18	11532	1487	83	1947	25481
10 Yr. Ave.	471	14	902	11	10040	1135	29	1347	29674

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	24	107758	118	10288	3758	3367	2144
1930	38	105222	125	10247	5353	2522	1499
1931	43	105088	54	10827	4806	3561	1355
1932	26	104819	114	11013	5181	4952	1560
1933	32	103299	142	11062	4437	4019	5589
1934	61	116139	94	11050	3535	3436	30209
1935	66	111998	681	11371	3394	4080	25589
1936	15	111550	880	11497	4050	3659	8250
1937	29	112499	1471	11336	3327	4620	10759
1938	39	115353	1090	10981	4021	5993	8611
10 Yr. Ave.	37	109374	477	10967	4186	4021	9556

10 Year Average Acres: Spring Wheat 18; Flaxseed 6; Popcorn 3. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	23,031	1.64	724	2.88	24	1.00	33,800	1.67
1930	17,101	1.04	701	2.58	38	.66	26,749	1.07
1931	12,213	.99	828	2.24	43	.98	22,684	1.02
1932	16,268	.75	772	2.37	26	1.81	29,355	.86
1933	37,662	.53	863	2.16	32	.75	41,503	.58
1934	34,653	.51	1,132	1.35	61	1.03	42,980	.54
1935	12,070	1.57	2,001	1.80	66	1.26	23,118	1.40
1936	23,834	.55	2,286	1.45	15	.94	30,604	.65
1937	12,133	1.07	2,217	1.65	29	1.10	20,466	1.20
1938	16,798	.75	1,947	1.80	39	1.00	25,481	.94
10 Yr. Ave.	20,576	.85	1,347	1.86	37	1.05	29,674	.95

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Doyle Township

9

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	123	20520	167	4578	29	2276	23	372	14	81	11
1930	155	22473	145	5695	26	2614	33	217	16	68	21
1931	135	22006	163	5817	39	2557	24	260	15	112	16
1932	135	22076	164	5157	34	2925	27	49	10	-	-
1933	138	22091	160	5145	36	2150	9	123	8	7	1
1934	138	21726	157	4257	4	-	-	36	8	-	-
1935	138	21846	158	3638	27	916	28	81	14	-	-
1936	137	21373	156	3487	6	2281	16	165	16	-	-
1937	121	21178	175	3827	43	2446	44	451	11	-	-
1938	119	22925	193	3620	24	2703	35	218	11	-	-
10 Yr. Ave.	134	21821	163	4522	31	2087	27	197	13	27	15

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	26	12	3	20	630	548	-	14	2338
1930	10	10	27	11	640	172	-	20	2123
1931	2	9	57	15	1008	159	-	41	1745
1932	-	-	26	18	564	217	-	22	2393
1933	15	11	139	14	25	20	19	33	3316
1934	-	-	727	6	-	67	-	36	2652
1935	30	16	-	-	2000	22	-	56	1735
1936	60	11	43	19	1049	-	-	67	2004
1937	248	19	35	15	1388	-	29	88	1147
1938	81	10	171	18	1027	136	52	72	1496
10 Yr. Ave.	47	16	123	10	833	134	10	45	2095

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	8890	14	975	106	20	211
1930	-	10237	-	812	30	-	-
1931	-	9524	-	924	-	-	-
1932	-	9823	-	930	117	25	67
1933	-	9586	6	875	175	34	476
1934	-	11292	-	987	153	37	1585
1935	3	10219	62	987	60	119	1996
1936	-	10365	14	982	166	15	742
1937	-	10105	-	917	157	31	397
1938	4	11495	83	1112	532	251	80
10 Yr. Ave.	1	10154	18	950	150	53	555

10 Yr. Ave. Acres - Spring Wheat 0

Popcorn 0 Flaxseed 1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS Franklin Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	116	19718	170	4691	32	2035	22	34	12	30	10
1930	119	19023	160	4912	25	2204	35	79	18	20	28
1931	118	19275	163	4998	34	2062	35	76	18	112	26
1932	117	19810	169	4823	33	2395	29	24	8	124	14
1933	118	20638	175	4938	29	1961	9	30	17	-	-
1934	126	21855	173	3889	18	178	3	8	4	-	-
1935	121	22297	184	3326	27	1159	28	66	14	-	-
1936	116	22337	193	4470	6	1985	19	157	13	-	-
1937	107	22357	209	4129	33	2327	45	316	11	-	-
1938	124	22336	180	4197	33	2829	35	122	10	-	-
10 Yr. Ave.	118	20965	177	4437	29	1914	29	91	12	29	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	5	16	104	8	855	445	3	31	2324
1930	18	13	129	8	894	40	-	49	2059
1931	18	11	78	12	867	71	-	53	1417
1932	10	7	43	22	834	45	-	61	2083
1933	10	2	129	14	450	169	-	48	2801
1934	10	3	592	6	27	12	-	40	2063
1935	26	6	85	10	2163	-	-	76	1462
1936	75	7	104	8	1204	-	-	83	1920
1937	115	17	102	12	1240	-	-	105	1451
1938	92	14	181	17	1506	201	-	40	1398
10 Yr. Ave.	38	12	155	10	1004	98	.3	59	1898

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	8655	-	643	259	80	-
1930	-	7787	-	601	320	-	-
1931	-	8891	-	665	15	76	-
1932	5	7538	2	879	253	621	176
1933	-	7975	6	833	799	342	364
1934	-	10344	22	851	550	550	2771
1935	12	9541	36	845	664	620	2292
1936	-	9605	101	812	823	472	609
1937	16	9392	21	856	841	391	1160
1938	5	9016	158	855	702	811	464
10 Yr. Ave.	4	8874	35	784	523	396	784

10 Yr. Ave. Acres - Spring Wheat 0Popcorn .4 Flaxseed 0 Source: (Acreages also shown in "All Other Crops")* Included in "All Tame Hay".
Iowa Department of Agriculture.
Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

Fremont Township

11

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	110	21306	194	4129	32	1584	22	118	12	118	11
1930	113	21328	189	4045	22	1805	26	63	15	7	14
1931	114	21334	187	4162	36	1975	29	102	23	6	50
1932	114	21255	186	4618	34	2045	28	30	8	50	26
1933	115	21167	184	4610	32	1871	8	25	8	25	1
1934	126	21539	171	3544	5	386	3	70	6	-	-
1935	122	21408	175	3199	25	1230	25	104	7	-	-
1936	130	22188	171	4268	8	2036	14	130	13	4	15
1937	111	22436	202	3735	41	1856	38	435	12	2	16
1938	112	22618	202	3598	34	2293	28	194	12	-	-
10 Yr. Ave.	117	21658	186	3991	32	1708	24	127	12	21	15

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	12	13	-	-	430	218	15	122	3144
1930	-	-	-	-	564	14	-	66	2387
1931	2	4	-	-	505	-	-	44	2098
1932	-	-	-	-	173	-	-	66	2775
1933	-	-	-	-	-	19	-	55	2924
1934	-	-	25	5	-	45	-	130	3689
1935	31	15	-	-	1174	20	-	156	2196
1936	66	5	-	-	622	-	-	242	3117
1937	151	12	-	-	783	-	-	259	2156
1938	98	7	8	4	407	174	-	178	2977
10 Yr. Ave.	36	10	3	5	466	49	2	132	2746

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed lots, Highways Acres	Wood lots, for Timber only Acres	Waste-Land Acres	Idle Crop Land Acres
1929	-	8480	-	1125	865	881	405
1930	-	9254	-	1132	870	801	400
1931	5	9284	-	1105	833	857	400
1932	-	8866	-	1017	825	856	-
1933	-	8815	-	1019	800	837	241
1934	-	9639	3	883	340	798	2162
1935	-	9074	53	1005	138	794	2410
1936	-	9554	12	1044	208	737	390
1937	-	10316	-	1034	267	809	892
1938	4	10213	138	933	320	865	570
10 Yr. Ave.	1	9350	21	1030	547	824	787

10 Yr. Ave. Acres - Spring Wheat 2

*Included in "All Tame Hay."

Popcorn 0 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS Green Bay Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	105	22213	212	4875	31	2161	21	175	12	65	8
1930	107	21970	205	5248	23	2754	32	162	17	5	20
1931	104	22344	214	5707	34	2281	23	120	18	65	20
1932	103	22273	216	4778	29	2718	25	5	8	10	5
1933	104	22248	214	5029	26	1783	9	18	8	-	-
1934	104	21618	208	3905	2	-	-	-	-	-	-
1935	102	21259	208	3037	23	992	30	10	15	-	-
1936	107	20968	196	4011	7	2089	19	93	18	-	-
1937	104	20921	201	3550	37	2356	39	359	12	-	-
1938	106	21271	201	3773	25	2663	31	77	7	2	30
10 Yr. Ave.	105	21693	207	4391	29	1980	27	102	14	15	14

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	40	7	114	12	853	96	-	11	2763
1930	20	8	133	10	811	-	-	21	2080
1931	45	22	58	7	887	-	-	21	1524
1932	25	13	57	18	700	-	-	5	2243
1933	42	9	110	10	340	-	-	-	3186
1934	-	-	237	6	-	-	-	30	1954
1935	44	19	20	10	2242	-	-	83	1207
1936	145	14	44	5	1069	7	-	234	2079
1937	150	29	53	8	1156	-	-	291	1447
1938	65	12	59	16	806	35	-	172	1579
10 Yr. Ave.	58	18	88	9	886	14	0	87	2006

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	8638	-	719	540	817	403
1930	-	8587	1	759	868	324	218
1931	-	9257	-	713	890	509	188
1932	-	9778	-	759	830	360	10
1933	5	9120	-	796	800	492	527
1934	-	10917	-	816	175	211	3403
1935	-	10599	-	711	340	319	1733
1936	-	8816	582	379	126	534	501
1937	-	9181	240	744	54	553	1078
1938	-	9707	110	761	17	255	1397
10 Yr. Ave.	.5	9465	93	766	464	437	946

10 Yr. Ave. Acres - Spring Wheat 0

Popcorn .1 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Jackson Township

13

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	110	22128	201	5290	35	3038	24	218	11	2	22
1930	104	21882	210	5398	27	3241	30	304	13	9	17
1931	105	22065	210	5945	36	3008	32	268	21	37	28
1932	133	22606	170	5466	37	3042	30	92	9	52	14
1933	136	22707	167	4797	36	2930	10	125	8	1	10
1934	132	22428	170	4155	-	17	2	157	6	-	-
1935	134	22766	170	3874	28	1404	29	249	9	-	-
1936	130	22474	173	4429	5	2465	15	306	12	-	-
1937	133	22610	170	4359	41	2525	44	842	14	-	-
1938	121	22239	184	4378	32	3024	32	185	11	-	-
10 Yr. Ave.	124	22390	181	4809	34	2469	27	275	12	10	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	10	10	16	6	878	310	-	47	2908
1930	-	-	83	4	844	30	-	61	2382
1931	54	9	60	8	1008	89	-	70	2259
1932	-	-	-	-	936	540	-	56	2825
1933	10	5	28	18	445	440	-	44	4343
1934	-	-	80	5	-	30	-	85	4981
1935	127	9	65	10	2820	5	10	159	1714
1936	3	10	38	18	1682	-	-	124	2540
1937	197	16	53	12	1888	6	-	117	1442
1938	165	10	61	22	1224	373	15	140	1866
10 Yr. Ave.	57	12	48	10	1172	182	2	90	2726

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	5	8558	-	969	27	65	144
1930	-	8766	-	825	20	10	-
1931	-	8391	-	891	37	107	-
1932	-	8377	5	1033	49	495	234
1933	-	8353	-	1009	54	257	355
1934	-	8803	7	1019	9	206	2994
1935	-	8817	37	1048	-	325	2276
1936	-	8654	15	972	25	363	982
1937	2	8945	194	1109	-	266	788
1938	-	8380	147	936	80	1006	772
10 Yr. Ave.	1	8604	40	981	30	310	854

10 Yr. Ave. Acres - Spring Wheat 0

* Included in "All Tame Hay".

Popcorn 1 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Knox Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres		Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	119	22388	188	5040	32	2644	23	305	11	13	9
1930	132	22255	169	6026	23	3167	33	175	16	77	30
1931	130	22276	171	6379	30	3023	29	107	14	31	15
1932	123	22514	183	5611	25	3250	21	35	10	-	-
1933	122	22484	184	5566	36	2555	9	63	14	-	-
1934	123	22335	182	4379	2	-	-	74	10	-	-
1935	119	22598	190	4039	3	1449	32	184	14	-	-
1936	128	22471	176	4743	8	2622	16	266	14	-	-
1937	122	22444	184	4624	43	2493	45	1019	13	-	-
1938	129	22412	174	4584	22	2801	34	437	11	-	-
10 Yr. Ave.	125	22418	180	5099	27	2400	27	266	13	12	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	543	-	-	11	2745
1930	37	15	100	6	712	280	-	49	2405
1931	-	-	14	15	1413	306	-	50	1538
1932	35	8	15	8	1094	-	-	52	2611
1933	-	-	4	18	127	18	-	77	4077
1934	9	4	308	6	-	-	-	78	4916
1935	40	13	99	11	2818	-	-	183	2025
1936	23	10	101	8	1557	35	8	196	2077
1937	194	17	56	17	1925	-	-	186	1248
1938	148	11	141	15	1329	117	-	176	1998
10 Yr. Ave.	49	14	84	9	1152	76	1	106	2564

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed lots, Highways Acres	Wood lots, for Timber only Acres	Waste-Land Acres	Idle Crop Land Acres
1929	-	10186	-	912	-	-	-
1930	-	7982	12	1105	88	155	214
1931	-	8391	-	1041	34	113	192
1932	-	8869	-	841	-	-	153
1933	-	8144	-	908	-	158	882
1934	-	9331	-	911	-	-	2407
1935	-	8734	80	934	95	148	1953
1936	-	8982	1	984	294	7	806
1937	-	8647	252	878	126	538	444
1938	4	9080	141	857	170	317	405
10 Yr. Ave.	.4	8835	49	937	81	144	746

10 Yr. Ave. Acres - Spring Wheat 0

*Included in "All Tame Hay."

Popcorn 0 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

Liberty Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	122	21397	179	5029	36	2279	25	238	14	194	14
1930	119	21730	183	5230	24	2540	32	271	15	177	23
1931	121	21369	177	5524	35	2316	28	212	15	208	20
1932	120	21967	183	4871	32	2729	26	145	8	126	20
1933	125	22229	178	5439	33	2237	9	110	3	101	4
1934	123	22254	181	4014	8	1011	6	65	7	-	-
1935	123	22141	180	2940	25	1337	26	192	12	-	-
1936	124	22137	179	4098	4	1951	14	305	10	-	-
1937	111	22667	204	3804	37	2245	32	465	11	-	-
1938	116	22791	196	3915	32	2701	29	148	16	-	-
10 Yr. Ave.	120	22118	184	4486	31	2135	24	215	12	81	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	6	8	-	-	1080	427	-	66	3039
1930	-	-	18	17	1196	47	-	76	1996
1931	-	-	2	15	1510	132	-	68	1491
1932	17	8	2	4	1259	237	-	74	2386
1933	-	-	31	12	461	144	-	80	3492
1934	-	-	192	6	187	61	-	104	2894
1935	35	7	30	15	2025	-	-	187	1726
1936	47	7	10	14	1035	-	-	196	2374
1937	109	15	12	20	1557	-	-	184	1644
1938	69	16	-	-	1330	17	-	200	1807
10 Yr. Ave.	28	12	30	9	1169	106	0	124	2285

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	7492	15	1017	606	521	381
1930	-	7351	-	973	508	648	322
1931	-	7519	-	1014	494	330	249
1932	-	7681	-	976	448	939	338
1933	1	7658	-	1000	357	645	697
1934	15	10591	6	1002	220	688	1369
1935	-	8622	21	936	339	710	3228
1936	1	9364	33	917	387	673	942
1937	-	8933	162	916	149	1094	1577
1938	-	9441	26	909	126	1015	1254
10 Yr. Ave.	2	8515	26	966	363	776	1041

10 Yr. Ave. Acres - Spring Wheat 2

Popcorn 0 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND FIELDS

Madison Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	112	22674	202	4606	30	1490	20	200	14	252	15
1930	119	22296	187	5259	26	1777	34	196	16	354	22
1931	125	23190	186	5287	34	2005	29	93	15	490	20
1932	113	22482	199	5539	37	2076	28	62	9	504	15
1933	109	22306	205	4966	34	2186	10	16	7	340	4
1934	113	22871	202	3875	12	549	4	23	4	-	-
1935	117	22725	194	3839	30	1340	28	36	6	-	-
1936	118	22861	194	4607	6	1814	14	50	10	-	-
1937	109	22856	210	4494	40	2119	40	289	13	17	23
1938	106	22947	216	4038	28	2289	30	55	11	13	13
10 Yr. Ave.	114	22721	199	4651	30	1764	25	102	13	197	16

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	12	15	41	4	179	293	22	45	2797
1930	29	14	22	6	342	91	-	14	2549
1931	33	13	5	19	494	268	10	84	2715
1932	1	11	10	23	452	189	36	32	2061
1933	1	5	14	31	142	239	4	39	3035
1934	16	7	164	7	-	119	16	49	3782
1935	-	-	43	6	618	24	7	109	2445
1936	16	12	8	6	131	-	-	124	3392
1937	57	25	44	10	350	-	-	103	2769
1938	62	12	21	7	25	10	11	100	3387
10 Yr. Ave.	23	16	37	8	273	123	11	70	2393

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	13	11238	7	953	373	256	230
1930	32	10074	84	768	636	50	124
1931	31	10042	15	943	598	308	121
1932	15	9848	45	1004	280	379	170
1933	13	9878	26	885	187	304	309
1934	38	10700	6	846	499	113	2244
1935	37	10629	127	772	514	190	2112
1936	8	10887	2	913	581	123	329
1937	5	10843	-	849	383	108	526
1938	12	10783	-	784	459	344	664
10 Yr. Ave.	21	10492	31	872	451	218	683

10 Yr. Ave. Acres - Spring Wheat 11

* Included in "All Tame Hay".

Popcorn .2 Flaxseed 2

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

17

Osceola Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	146	21094	144	5402	29	2423	22	322	14	75	13
1930	150	21049	140	5227	23	2743	27	353	15	70	15
1931	143	20213	141	5361	30	2526	27	232	18	107	20
1932	145	20941	144	5025	35	2338	23	57	13	147	15
1933	141	20635	147	4823	36	1971	12	56	10	20	4
1934	141	20142	143	3879	-	130	3	86	8	-	-
1935	137	20742	151	3735	30	1170	34	152	14	-	-
1936	136	20463	150	4054	10	2229	22	139	12	18	11
1937	137	21343	156	4320	42	2403	41	698	15	-	-
1938	132	21348	162	4167	38	2467	36	263	12	-	-
10 Yr. Ave.	141	20802	148	4599	32	2090	27	236	14	44	15

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	41	10	596	-	-	144	3067
1930	8	12	-	-	319	-	-	97	2740
1931	4	16	23	19	1202	10	-	122	1806
1932	-	-	11	14	691	-	-	144	2663
1933	-	-	39	18	407	-	-	166	4076
1934	-	-	8	20	-	-	-	180	3901
1935	53	18	18	6	2442	-	-	293	2161
1936	23	12	24	16	970	-	-	286	2728
1937	190	18	30	17	1116	-	-	240	1732
1938	19	10	120	23	757	-	-	240	1891
10 Yr. Ave.	30	17	31	18	850	1	0	191	2676

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	3060	2	737	144	-	170
1930	-	7989	-	737	701	132	30
1931	-	7174	20	854	462	422	20
1932	-	7181	39	906	590	788	5
1933	-	7133	22	926	434	306	467
1934	-	7658	-	970	187	317	3006
1935	-	8139	-	954	-	176	1742
1936	-	7575	3	937	116	200	1447
1937	-	8243	130	942	160	157	1222
1938	-	8863	16	912	374	247	1252
10 Yr. Ave.	0	7802	23	892	317	274	936

10 Yr. Ave. Acres - Spring Wheat 0

Popcorn 1 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Troy Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	104	22063	212	5410	38	2204	26	361	14	81	14
1930	112	22680	203	6233	26	3025	38	114	16	146	22
1931	111	22474	202	6127	39	2450	32	157	21	157	26
1932	121	22691	188	5747	38	2538	32	90	10	128	19
1933	98	22627	231	5368	40	2714	12	34	6	38	5
1934	105	22078	210	4432	-	65	5	40	4	-	-
1935	111	22369	202	4395	31	1154	32	76	15	-	-
1936	113	22369	198	4712	10	2384	20	116	13	7	18
1937	93	22436	241	4331	42	2457	48	624	16	-	-
1938	108	22287	206	4246	34	2441	37	121	12	-	-
10 Yr. Ave.	108	22407	208	5100	35	2143	31	173	15	56	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres *	Sweet Clover Acres	Alfalfa Acres *	All Tame Hay Acres
1929	-	-	3	8	358	214	-	15	3084
1930	34	15	20	8	419	48	-	48	2520
1931	37	20	35	11	769	182	-	59	1762
1932	-	-	54	14	557	-	-	49	2496
1933	-	-	40	14	123	-	-	56	3250
1934	-	-	-	-	23	116	-	36	4034
1935	41	12	101	13	1852	21	-	159	2376
1936	20	14	36	10	582	-	-	183	2656
1937	74	19	135	16	1220	-	-	187	1623
1938	139	12	312	19	1102	232	-	202	2074
10 Yr. Ave.	34	15	74	16	704	81	0	99	2588

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bl'dgs., Feed lots, Highways Acres	Wood lots, for Timber only Acres	Waste-Land Acres	Idle Crop Land Acres
1929	-	9818	46	608	-	50	-
1930	-	9330	7	825	-	7	-
1931	-	10174	-	776	-	-	30
1932	-	10076	-	825	30	100	50
1933	-	10026	9	924	-	-	101
1934	-	10003	-	858	-	-	2623
1935	-	9770	56	1213	-	282	1053
1936	-	10611	32	947	-	-	266
1937	-	10301	134	1010	-	-	527
1938	-	10503	89	848	-	51	361
10 Yr. Ave.	0	10061	37	883	3	49	501

10 Yr. Ave. Acres - Spring Wheat 4

*Included in "All Tame Hay."

Popcorn .1 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

Ward Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	115	21330	185	6221	37	2579	24	405	15	72	19
1930	116	21197	183	6032	27	3034	37	368	17	39	27
1931	113	21617	191	6637	40	3012	37	353	20	98	23
1932	126	22346	177	6246	39	3160	32	90	11	117	14
1933	125	22086	177	5873	35	2724	11	161	8	21	6
1934	127	21734	171	4591	30	380	4	35	8	-	-
1935	123	22060	179	4308	31	1368	30	144	13	8	22
1936	125	22196	178	5372	8	2732	23	285	16	7	20
1937	141	22291	158	4995	46	2394	47	946	12	-	-
1938	141	22126	157	4837	28	3063	34	113	10	-	-
10 Yr. Ave.	125	21398	175	5511	34	2495	30	290	14	36	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Bls. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	4	6	34	8	916	759	12	161	2737
1930	2	8	93	11	1074	140	-	123	1842
1931	12	20	42	18	1332	252	-	149	1853
1932	-	-	186	17	934	483	-	147	2729
1933	-	-	175	16	501	280	20	190	3658
1934	-	-	386	8	82	166	-	236	4617
1935	94	16	179	14	2553	-	-	348	2347
1936	119	8	210	9	1427	-	-	346	3016
1937	105	14	106	19	1765	-	-	249	1530
1938	22	8	310	20	1616	94	-	232	2414
10 Yr. Ave.	36	12	172	14	1220	218	3	213	2674

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	1	7266	12	885	107	55	24
1930	-	7330	16	923	166	119	159
1931	1	6866	17	978	276	113	27
1932	-	7733	11	905	166	16	48
1933	-	7522	40	955	45	103	288
1934	-	7940	31	922	29	87	2634
1935	-	8142	135	970	71	96	1645
1936	-	7609	83	1021	63	113	139
1937	-	7840	293	1052	109	176	480
1938	-	8078	120	1022	55	225	251
10 Yr. Ave.	.2	7633	76	963	109	110	570

10 Yr. Ave. Acres - Spring Wheat 0

Popcorn .3 Flaxseed 1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Washington Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	130	21445	165	4575	30	1790	16	-	-	74	21
1930	134	22278	166	5569	22	2427	29	307	17	214	25
1931	143	22363	156	5635	29	2458	26	213	17	81	23
1932	136	22201	163	5471	34	2444	26	90	11	108	18
1933	140	22158	158	4967	29	2039	8	90	8	85	3
1934	145	22352	154	3905	-	569	3	-	-	-	-
1935	136	22363	164	3352	27	1221	30	86	9	-	-
1936	139	22360	161	3933	7	2503	12	110	11	-	-
1937	140	22359	160	3746	35	2167	35	363	11	-	-
1938	137	22363	163	3639	28	2269	29	174	9	2	22
10 Yr. Ave.	133	22224	161	4479	28	1989	23	143	13	56	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	28	10	13	8	141	340	-	57	2827
1930	16	4	23	7	344	-	-	77	1648
1931	-	-	10	20	120	15	-	66	2434
1932	6	12	30	15	379	20	-	59	2042
1933	2	5	21	7	47	20	-	73	3185
1934	36	3	255	4	-	25	-	126	3393
1935	77	8	33	6	1091	-	-	191	1625
1936	25	10	48	8	314	-	-	193	2648
1937	102	14	48	18	244	-	-	195	2187
1938	28	10	86	14	343	98	5	177	2503
10 Yr. Ave.	32	10	57	8	302	52	.5	121	2449

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	9823	9	649	731	622	163
1930	6	9533	-	737	1146	276	32
1931	6	9013	-	872	1167	226	128
1932	6	8504	7	889	1593	373	259
1933	13	8590	33	885	778	541	832
1934	8	8449	18	945	1369	429	2976
1935	14	9229	58	966	1173	294	3144
1936	6	8933	2	1058	1261	422	1097
1937	6	9227	36	996	1073	497	1667
1938	10	9317	61	1011	1186	538	1141
10 Yr. Ave.	8	9062	22	901	1148	427	1149

10 Yr. Ave. Acres - Spring Wheat 0

Popcorn 0 Flaxseed 2

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 15

LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Murray, Osceola, Woodburn

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	44	879	20	166	41	-	-	-	-	-	-
1930	44	812	18	163	33	74	31	-	-	-	-
1931	44	821	19	131	46	33	30	-	-	-	-
1932	43	827	19	111	36	74	27	-	-	-	-
1933	44	833	19	108	32	11	24	-	-	-	-
1934	39	797	20	141	15	-	-	-	-	-	-
1935	35	726	21	69	36	-	-	-	-	-	-
1936	47	851	18	149	19	23	20	-	-	-	-
1937	43	837	19	106	47	22	32	-	-	-	-
1938	41	777	19	109	26	18	25	-	-	-	-
10 Yr. Ave.	42	816	19	125	37	26	28	0	0	0	0

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres.	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	0	27
1930	-	-	-	-	-	-	-	0	18
1931	-	-	-	-	-	-	-	1	42
1932	-	-	-	-	-	-	-	5	48
1933	5	6	-	-	-	-	-	2	160
1934	-	-	-	-	-	-	-	2	104
1935	-	-	-	-	38	-	-	1	99
1936	-	-	-	-	-	-	-	12	53
1937	25	16	-	-	20	-	-	13	90
1938	12	1	-	-	10	-	-	18	91
10 Yr. Ave.	4	11	0	0	7	0	0	5	73

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	614	13	46	-	-	13
1930	-	502	5	50	-	-	-
1931	-	562	2	51	-	-	-
1932	-	540	5	49	-	-	-
1933	-	494	-	47	8	-	-
1934	-	472	1	40	4	-	35
1935	-	483	-	30	-	7	-
1936	-	595	-	31	-	-	-
1937	-	523	9	33	8	-	1
1938	-	477	1	41	-	18	-
10 Yr. Ave.	-	526	4	42	2	2	5

10 Yr. Ave. Acres - Spring Wheat 0

*Included in "All Tame Hay."

Popcorn 0 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.")

Division of Agricultural Statistics.

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	8,511	3,147	4,171	400	-	23,051
1880	20,620	6,506	6,864	378	3,172	40,367
1890	41,424	9,557	11,327	303	785	40,397
1900	40,462	11,114	11,054	440	6,345	42,187
1910	30,702	6,788	11,729	563	3,891	27,574
1920	27,996	3,400	9,210	878	12,802	43,944
1925	33,273	7,112	7,974	1,039	6,413	51,863
1930	27,289	7,011	7,321	630	14,551	55,965
1935	23,839	8,040	5,503	387	8,518	23,660
1936	25,100	7,631	5,155	362	11,203	30,956
1937	25,535	7,566	5,417	397	13,338	23,401
1938	26,129	7,516	5,251	352	13,014	28,968
1939	26,817	7,617	5,338	304	13,678	34,867

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 17
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Doyle	408	21	2047	518	2171	398	34	1813	465	1510
Franklin	352	34	1789	1000	1688	375	37	1743	890	1381
Fremont	365	30	1708	682	1662	399	29	1670	1208	1109
Green Bay	372	17	1626	501	1443	359	29	1578	759	1142
Jackson	497	22	1858	833	1957	454	17	1581	867	1248
Knox	373	43	2132	595	2519	442	35	1945	664	1750
Liberty	451	17	1696	859	1922	440	18	1544	1307	1332
Madison	490	6	1910	328	1951	509	32	2232	448	1471
Osceola	362	30	2235	411	2295	412	33	2153	382	1909
Troy	432	23	2546	358	2022	401	23	2247	456	1628
Ward	352	21	2069	386	2404	367	20	2243	364	1830
Washington	329	33	1586	807	2049	356	23	1335	910	1111
ALL TOWNS	-	-	25	-	17	22	-	30	8	20
COUNTY	4783	297	23227	7278	24100	4934	330	22114	8728	17441

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Doyle	391	19	1872	450	1801	399	18	1790	703	2741
Franklin	376	33	1701	714	1680	375	36	1775	1194	2166
Fremont	333	23	1756	781	1110	348	25	1896	705	2167
Green Bay	341	37	1659	973	1762	367	42	1897	1077	2223
Jackson	437	21	1701	756	1703	469	23	1721	1200	2587
Knox	467	33	2251	653	2729	469	25	2189	819	3115
Liberty	409	4	1361	1108	1198	435	2	1549	938	1667
Madison	542	30	2088	535	1993	514	31	1906	877	2251
Osceola	414	46	2093	658	1779	396	17	1931	325	2185
Troy	375	14	2428	585	1748	376	7	2371	473	2291
Ward	398	15	2224	1028	2052	397	16	1969	615	2316
Washington	331	22	1177	790	1488	370	18	1390	897	2021
ALL TOWNS	13	2	32	10	21	11	-	50	10	30
COUNTY	4827	299	22343	9041	21064	4926	260	22434	9833	27760

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for magnitude of the

TABLE 16
CREAMERY STATISTICS
1905-1938

Year	Number of Creameries In County	Butter Made	Butter Sold in Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	*	*	*	*
1906	*	*	*	*
1907	*	*	*	*
1908	*	*	*	*
1909	*	*	*	*
1910	*	*	*	*
1911	*	*	*	*
1912	*	*	*	*
1913	*	*	*	*
1914	*	*	*	*
1915	*	*	*	*
1916	*	*	*	*
1917	*	*	*	*
1918	*	*	*	*
1919	*	*	*	*
1920	*	*	*	*
1921	*	*	*	*
1922	*	*	*	*
1923	*	*	*	*
1924	1	77	15	62
1925	1	72	40	31
1926	1	239	80	160
1927	1	368	*	368
1928	1	602	*	602
1929	1	534	28	506
1930	1	413	207	207
1931	1	23	11	12
1932	1	355	355	*
1933	1	478	36	442
1934	1	554	554	*
1935	1	715	707	9
1936	1	523	523	*
1937	1	538	490	47
1938	1	739	221	510

The sum of the two columns "Butter Sold in Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

*Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 19
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	59,212	272,572
1885	79,973	232,971
1890	201,130	601,284
1895	136,462	536,834
1900	135,094	677,610
1905	134,756	537,394
1910	176,788	689,549
1915	192,455	885,227
1920	194,082	966,844
1925	202,188	862,534
1930	201,208	1,363,734
1935	124,018	821,158

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 20
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	1325	1397	1114	145	7	101	15	0	35	1
1932	1323	1381	1125	64	2	83	9	1	42	0
1934	1330	1384	117	44	3	0	3	1	107	0
1936	1551	1350	1045	179	0	5	64	1/	61	0
1938	1492	1347	1150	159	1	4	99	1/	163	0
Average	1325	1372	912	118	3	39	33	1	107	0
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	0	716	104	113	1/	185	232	6	76	3
1932	1	643	104	174	40	259	245	16	164	6
1934	0	639	141	607	63	251	163	13	507	8
1936	0	1023	253	323	111	1/	1/	1/	35	5
1938	5	849	227	634	60	1/	1/	1/	34	7
Average	1	785	166	370	70	232	213	12	173	6
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	353	50	0	1473	1/	1/	1/	1/	1/	1023
1932	352	91	2	1454	1/	1/	1/	1/	1/	1130
1934	19	27	1	1470	1/	1/	1/	1/	1/	719
1936	414	5	1	1457	1173	159	1246	374	1047	740
1938	405	137	5	1425	1173	137	1253	388	1132	1006
Average	326	62	2	1456	1173	143	1250	381	1090	924
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	276	52	1153	531	15	21	184	221	43	5
1932	243	43	1048	340	32	69	144	448	70	12
1934	229	56	1114	324	31	36	122	405	1075	15
1936	339	54	1067	650	296	72	137	338	445	155
1938	413	53	1093	847	1/	1/	123	532	573	203
Average	302	53	1095	548	100	50	142	403	402	78

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	711	49.2	115,265	44.6	104	7.2	26,111	10.1
1930	703	46.1	103,549	39.7	116	7.6	29,481	11.3
1932	558	36.5	84,528	32.0	129	8.5	29,919	11.3
1934	574	37.2	86,461	32.8	106	6.8	24,112	9.1
1936	577	37.2	83,429	31.5	126	8.1	29,703	11.2
1938	545	36.6	83,406	31.1	133	8.9	31,220	11.6
1928 - 38 Average	611	40.4	92,773	35.2	119	7.9	28,424	10.8

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	631	43.6	117,256	45.3	1,446	100	258,632	100
1930	705	46.3	127,913	49.0	1,524	100	260,943	100
1932	841	55.0	149,552	56.7	1,528	100	263,969	100
1934	863	56.0	153,347	58.1	1,543	100	263,920	100
1936	848	54.7	152,007	57.3	1,551	100	265,139	100
1938	811	54.5	153,799	57.3	1,489	100	268,425	100
1928 - 38 Average	783	51.7	142,307	54.0	1,513	100	263,504	100

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
YEARS OF TENURE
January 1, 1935

Owners	Clarke County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	46	8.5	4,442	5.2
1 year	26	4.8	3,198	3.8
2 years	29	5.3	3,282	3.8
3 years	16	2.9	2,857	3.4
4 years	19	3.5	3,228	3.8
5-9 years	72	13.2	11,726	13.8
10-14 years	63	11.6	11,279	13.2
15 years and over	273	50.2	45,076	53.0
TOTALS	544	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	233	27.5	21,763	20.1
1 year	140	16.5	15,053	13.9
2 years	104	12.3	11,555	10.7
3 years	59	7.0	8,285	7.7
4 years	51	6.0	7,564	7.0
5 years and over	260	30.7	43,826	40.6
TOTALS	847	100.0	108,046	100.0

Source: U. S. Agricultural Census.

TABLE 23
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	25	1.73	26	1.71	24	1.57	24	1.56	27	1.74
10-29	46	3.18	51	3.35	47	3.08	59	3.82	54	3.48
30-49	91	6.29	100	6.56	96	6.28	109	7.06	110	7.09
50-69	30	2.07	41	2.69	31	2.03	33	2.14	36	2.32
70-109	243	16.80	276	18.11	276	18.06	265	17.17	263	16.96
110-149	228	15.77	253	16.60	255	16.69	270	17.50	257	16.57
150-189	292	20.19	309	20.28	312	20.42	302	19.57	308	19.86
190-229	140	9.68	131	8.60	140	9.16	142	9.20	142	9.16
230-269	135	9.34	120	7.87	120	7.85	123	7.97	130	8.38
270-309	67	4.63	61	4.00	69	4.51	55	3.57	67	4.32
310-349	53	3.67	53	3.48	60	3.93	48	3.11	50	3.22
350-389	22	1.52	31	2.03	31	2.03	34	2.20	35	2.26
390-429	27	1.87	26	1.71	24	1.57	28	1.82	23	1.48
430-469	12	.83	15	.98	14	.92	15	.97	12	.78
470-509	14	.97	16	1.05	11	.72	14	.91	11	.71
510-549	7	.48	1	.07	2	.13	4	.26	7	.45
550-589	4	.28	2	.13	8	.52	5	.32	5	.32
590-629	1	.07	2	.13	4	.26	7	.45	5	.32
630-669	1	.07	4	.26	2	.13	1	.07	2	.13
670-709	2	.14	2	.13	1	.07	2	.13	2	.13
710-over	6	.42	4	.26	1.	.07	3	.20	5	.32
Total Farms	1446	100.00	1524	100.00	1528	100.00	1543	100.00	1551	100.00
									1489	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	1,192	47	148	215
1927	1,106	70	163	339
1928	1,194	42	190	432
1929	1,189	66	203	483
1930	1,273	59	276	569
1931	1,240	54	287	586
1932	1,214	72	280	569
1933	1,081	46	268	340
1934	1,102	40	234	300
1935	1,105	43	230	326
1936	1,083	47	297	495
1937	1,131	55	349	659
1938	1,110	56	395	712
1939	1,126	59	424	856

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Companies	Banks	Land & Mortgage Companies	Federal Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corporate Owned
Franklin	3622	170	-	-	-	180	3972	18.55
Green Bay	6254	540	180	264	1350	238	8626	39.96
Knox	2705	288	-	760	595	120	4468	19.84
Doyle	2536	200	80	112	1890	110	4928	21.28
Jackson	3433	120	130	500	-	120	4303	19.40
Osceola	2980	280	275	395	200	-	4130	19.63
Ward	3167	400	80	336	160	-	4143	18.97
Troy	1095	160	-	120	378	40	1793	7.98
Liberty	4619	120	80	650	880	-	6349	30.42
Fremont	4847	-	-	278	245	-	5370	26.22
Washington	5557	-	168	403	829	295	7252	34.71
Madison	1510	530	-	120	160	280	2600	12.53
County Total	42325	2808	993	3938	6687	1383	58134	22.39

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Companies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Franklin	4173	170	100	-	-	467	4910	22.94
Green Bay	5749	320	180	624	1335	318	8526	33.60
Knox	3500	288	-	1130	595	180	5693	25.28
Doyle	1984	200	80	630	1280	150	4324	15.67
Jackson	3679	120	130	820	200	120	5069	22.86
Osceola	2815	160	275	395	200	-	3845	18.28
Ward	2911	400	-	336	160	40	3847	17.61
Troy	1575	120	-	120	378	40	2233	9.94
Liberty	4667	120	80	1043	893	60	6863	32.88
Fremont	5053	-	-	278	329	140	5800	28.32
Washington	5689	-	128	523	1069	95	7504	35.91
Madison	1570	370	-	160	160	295	2555	12.32
County Total	43365	2268	973	6059	6599	1905	61169	23.56

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 27
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,576	211,068	-	-	\$ 3,878,038	\$ 18.37	\$ 2,461
1890	1,606	238,019	-	-	5,089,810	21.38	3,169
1900	1,714	259,491	7,131,900	1,248,960	8,380,860	32.30	4,890
1910	1,556	260,944	1,607,452	2,420,596	18,491,048	70.86	11,884
1920	1,488	248,492	34,841,210	3,960,154	58,801,364	156.14	26,076
1925	1,514	254,018	19,980,933	4,045,405	24,026,388	94.59	15,369
1930	1,515	259,680	16,036,183	4,313,736	20,349,919	78.36	13,432
1935	1,556	264,459	-	-	9,685,271	36.62	6,224

* Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U.S. Agricultural Census.

TABLE 28
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 3,704.81	\$19,385.30	\$23,090.11
Soldiers' Bonus Tax	1,053.25	3,501.49	4,554.74
General County Tax	5,093.67	26,654.77	31,748.44
Court Expense Tax	957.01	5,010.81	5,967.82
Poor Tax	2,778.14	14,538.80	17,316.94
Insane Tax, State Hospital	603.29	3,159.78	3,763.07
Insane Tax, County Hospital	-	-	-
County School Tax	462.92	2,423.58	2,886.50
Soldiers' Relief Tax	462.92	2,423.58	2,886.50
General County Bond Tax	1,330.35	6,969.36	8,299.71
Court House Tax	-	-	-
Emergency Tax	1,851.83	9,692.92	11,544.75
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	925.87	10,904.39	11,830.26
Secondary Roads - Maintenance	3,473.31	41,125.81	44,599.12
District School Tax	54,894.46	84,376.47	139,270.93
City Tax	28,546.47	-	28,546.47
Miscellaneous Taxes	-	1,523.35	1,523.35
Total	106,138.30	231,690.41	337,828.71*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 29
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	1	2	2
2. One-room rural elementary	90	83	83
3. Two-room (or more) rural elementary	-	1	1
4. Elementary, not rural	5	4	4
5. Separately organized Jr. High	1	1	1
6. Jr.-Sr. High, one organization	-	-	-
7. Separately organized Sr. High	-	3	1
8. Regular High, 4 years or less	4	-	2
9. Junior College	1	1	1
Total Number of Schools	102	95	95

TABLE 30
ENROLLMENT IN SCHOOLS BY TYPE

	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	53	53	45
2. One-room rural elementary	1,304	1,223	1,076
3. Two-room (or more) rural elementary	-	-	34
4. Elementary, not rural	545	593	592
5. *Jr.-Sr. High, one organization	109	109	399
6. Regular High, 4 years or less	468	410	158
7. Junior College	26	46	45
Total Enrollment in all Schools	2,505	2,434	2,349

*Includes enrollment for School Types 5, 6 and 7 in Table 29.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 31
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	55.25	556.50	611.75
Improved	-	9.00	8.25	17.25
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	-	-	-	-
Stone	-	60.50	4.75	65.25
Paved				
Bituminous	2.6	-	-	2.60
Concrete	44.1	-	-	44.10
Brick	-	-	-	-
County Total	46.7	124.75	569.50	740.95

Source: Annual Report, 1938,
Iowa Highway Commission.